

Intoximeters, Inc.

ALCO-SENSOR[®] IV



World Leader in Breath Alcohol Testing
for Over Sixty Years

Intoximeters, Inc.

ALCO-SENSOR® IV

THE INSTRUMENT

The Alco-Sensor IV is a handheld breath alcohol tester. It provides a simple, accurate and economical method of determining a subject's breath alcohol concentration with evidential grade accuracy.

UNIQUE FEATURES

The Alco-Sensor IV follows an automated, software driven test protocol. Each function is displayed on an LED display which provides the operator with step-by-step instructions for fail-safe testing. The Alco-Sensor IV automatically samples deep lung breath and displays the result in a three digit readout (four digit where required). The proper insertion of the mouthpiece powers the instrument ON and a mouthpiece release feature, which eliminates operator contact with a used mouthpiece, turns the instrument OFF.

ANALYTICAL

SENSOR

The electrochemical fuel cell sensor generates an electronic response that is proportional to the Breath Alcohol Concentration in the provided breath sample. The fuel cell sensor is specific for alcohol. It does not respond to acetone or other substances which can be found in human breath.

ACCURACY & PRECISION

US DOT approved for evidential use. Meets or exceeds the federal model specifications for traffic enforcement and DOT breath alcohol testing.

RANGE OF SENSOR

The Alco-Sensor IV accurately detects breath alcohol levels up to .400 BrAC, or equivalent.

RESPONSE TIME

The Alco-Sensor IV unit produces results quickly on both positive and negative samples.

SAMPLING SYSTEM

The Alco-Sensor IV offers both automatic and manual sampling.

SAMPLE TYPE CAPABILITY

Direct Breath
Headspace of an Open Container
Passive

DISPLAY

High visibility, four character LED display

ENVIRONMENTAL

Operates over a wide ambient temperature range

CE MARK

CE Mark compliant for EMC compatibility for emissions and immunity

MOUTHPIECES

One-way check valve mouthpiece which eliminates the possibility of suck back during sample capture.

POWER SUPPLY/CAPACITY

9 volt heavy duty alkaline battery
500+ tests per battery

PHYSICAL CHARACTERISTICS

Handheld/11 oz (313g)

CASE CONSTRUCTION

Metal impregnated ABS plastic - impact resistant, RFI shielding

MEMORY

Last test recall

INSTRUCTIONAL MATERIAL

Introductory video on CD
Manual

ACCESSORIES/SOFTWARE

RBT IV microprocessor printer interface
Alco-Sensor IV @ Work software (for DOT workplace testing) – (cable required)

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